

Group Academic Standards Summary

State: INDIANA

Grade: 8

Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■ No. of Students: 80943

Test Date: 09/19/06

Indiana Performance Index (IPI)

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items

OE : Open-ended items

GR : Gridded response items

** : Expected IPI for a student at the passing cut score

English/language arts

| | Points Possible | IPI at Pass** | Mean Number Correct | Mean IPI | Difference | Number Mastery | Percent Mastery | 0015 ADAMS CENTRAL | | 0025 NORTH ADAMS | | 0035 SOUTH ADAMS | |
|-----------------------------------|-----------------|---------------|---------------------|----------|------------|----------------|-----------------|--------------------|-------|------------------|-------|------------------|-------|
| | | | | | | | | Mean IPI | Diff. | Mean IPI | Diff. | Mean IPI | Diff. |
| 1. Reading Vocabulary(MC) | 7 | 70 | 5.2 | 74.0 | 4.0 | 54263 | 67 | 78.6 | 8.6 | 73.0 | 3.0 | 71.8 | 1.8 |
| 2. Reading Comp.(MC,OE) | 23 | 73 | 17.5 | 76.4 | 3.4 | 54694 | 68 | 80.1 | 7.1 | 74.9 | 1.9 | 73.8 | 0.8 |
| 3. Lit Response & Analysis(MC,OE) | 19 | 69 | 13.9 | 73.3 | 4.3 | 55342 | 69 | 76.2 | 7.2 | 72.0 | 3.0 | 70.7 | 1.7 |
| 4. Writing Process(MC) | 4 | 49 | 2.4 | 60.0 | 11.0 | 54934 | 68 | 63.5 | 14.5 | 58.9 | 9.9 | 55.3 | 6.3 |
| 5. Writing Applications(OE) | 10 | 64 | 6.8 | 67.8 | 3.8 | 55015 | 69 | 69.3 | 5.3 | 65.7 | 1.7 | 63.4 | - 0.6 |
| 6. Lang. Conventions(MC,OE) | 13 | 77 | 10.5 | 79.7 | 2.7 | 54817 | 68 | 81.2 | 4.2 | 77.8 | 0.8 | 75.6 | - 1.4 |

*Number of Students: 80121

Mathematics

| | Points Possible | IPI at Pass** | Mean Number Correct | Mean IPI | Difference | Number Mastery | Percent Mastery | 0015 ADAMS CENTRAL | | 0025 NORTH ADAMS | | 0035 SOUTH ADAMS | |
|-----------------------------------|-----------------|---------------|---------------------|----------|------------|----------------|-----------------|--------------------|-------|------------------|-------|------------------|-------|
| | | | | | | | | Mean IPI | Diff. | Mean IPI | Diff. | Mean IPI | Diff. |
| 1. Number Sense(MC,OE) | 10 | 59 | 7.0 | 69.1 | 10.1 | 57052 | 71 | 78.1 | 19.1 | 78.0 | 19.0 | 72.3 | 13.3 |
| 2. Computation(MC,GR) | 9 | 28 | 4.1 | 46.3 | 18.3 | 58028 | 72 | 55.1 | 27.1 | 56.7 | 28.7 | 49.7 | 21.7 |
| 3. Algebra & Functions(MC,OE,GR) | 16 | 48 | 9.4 | 58.7 | 10.7 | 56832 | 71 | 67.0 | 19.0 | 64.3 | 16.3 | 58.7 | 10.7 |
| 4. Geometry(MC,OE,GR) | 10 | 48 | 6.0 | 59.9 | 11.9 | 57133 | 71 | 68.7 | 20.7 | 66.9 | 18.9 | 61.0 | 13.0 |
| 5. Measurement(MC,OE,GR) | 10 | 29 | 4.3 | 43.4 | 14.4 | 58023 | 72 | 52.9 | 23.9 | 51.8 | 22.8 | 44.5 | 15.5 |
| 6. Data Analysis & Prob(MC,OE,GR) | 15 | 47 | 8.6 | 57.7 | 10.7 | 57327 | 71 | 65.0 | 18.0 | 65.5 | 18.5 | 59.1 | 12.1 |
| 7. Problem Solving(MC,OE) | 14 | 18 | 4.6 | 33.5 | 15.5 | 57681 | 72 | 43.6 | 25.6 | 40.3 | 22.3 | 35.9 | 17.9 |

*Number of Students: 80437

▲ Number of students that completed all tests in the content area. ■ Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.